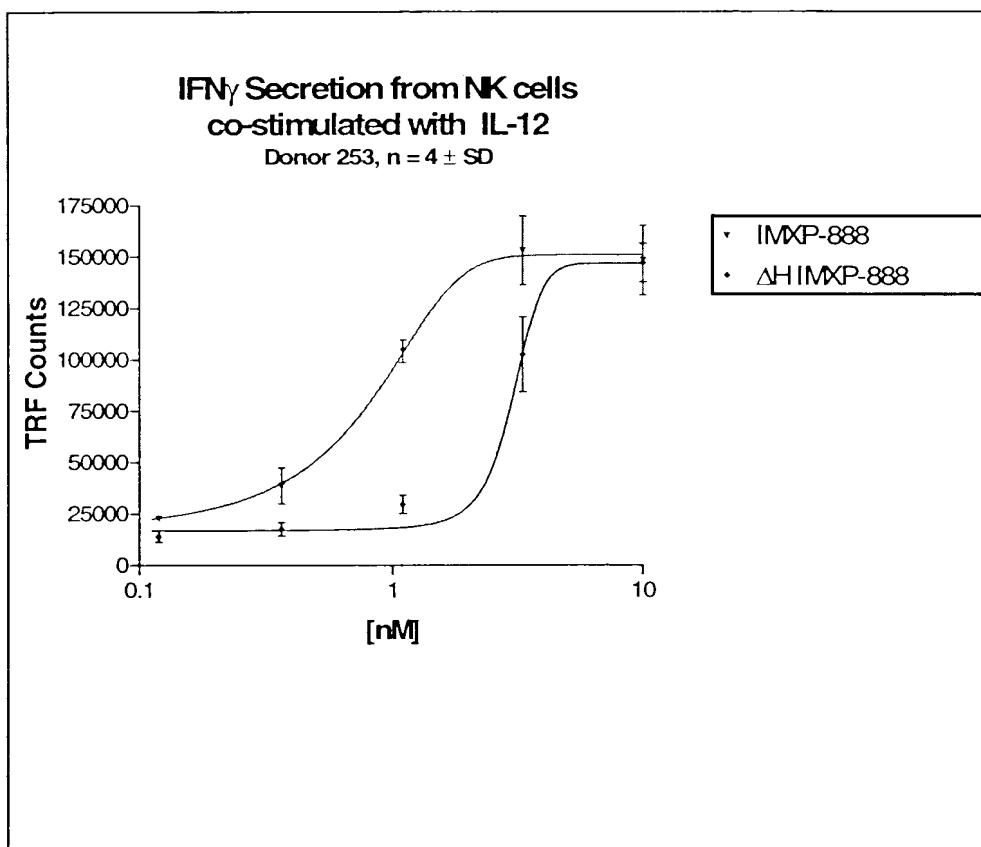


FIGURE 1



mumlsa3935c7.pep x mumlsa3935c2.pep (Murine splice variants)

1 MTRSPALLLLGALPSAEAARGPPRMADKVVPRQVARLGRTVRLQCPVE 50
1 MTRSPALLLLGALPSAEAAR..... 22

101 FGSLSVNYTLIIMDDISPGKESPGPGSSGGQEDPASQQWARPRFTQPSK 150
23DDISPGKESPGPGSSGGQEDPASQQWARPRFTQPSK 59

151 MRRRVIARPVGSSVRLKCVASGHPRPDIMWMKDDQTLTHLEASEHRKKW 200
60 MRRRVIARPVGSSVRLKCVASGHPRPDIMWMKDDQTLTHLEASEHRKKW 109

201 TLSLKNLKPEDSGKYTCRVSNKAGAINATYKVDVIQRTSRSPVLTGTHPV 250
110 TLSLKNLKPEDSGKYTCRVSNKAGAINATYKVDVIQRTSRSPVLTGTHPV 159

251 NTTVDFGGTTSFQCKVRSVDVKPVIQWLKRVEYGSEGRHNSTIDVGGQKFV 300
160 NTTVDFGGTTSFQCKVRSVDVKPVIQWLKRVEYGSEGRHNSTIDVGGQKFV 209

301 VLPTGDVWSRPDGSYLNKLLISRARQDDAGMYICLGANTMGYSFRSAFLT 350
210 VLPTGDVWSRPDGSYLNKLLISRARQDDAGMYICLGANTMGYSFRSAFLT 259

351 VLPDPKPPGPPMASSSSSTSLPWPVIGIPAGAVFILGTVLLWLCQTKKK 400
260 VLPDPKPPGPPMASSSSSTSLPWPVIGIPAGAVFILGTVLLWLCQTKKK 309

401 PCAPASTLPVPGHRPPGTSRERSGDKDLPSLAVGICEEHGSAMAPQHILA 450
310 PCAPASTLPVPGHRPPGTSRERSGDKDLPSLAVGICEEHGSAMAPQHILA 359

451 SGSTAGPKLYPKLYTDVHTHTHTCTHTLSCGGQGSSTPACPLSVLNTA 500
360 SGSTAGPKLYPKLYTDVHTHTHTCTHTLSCGGQGSSTPACPLSVLNTA 409

501 NLQALCPEVGIWGPRQQVGRIENNGGRVS 529
410 NLQALCPEVGIWGPRQQVGRIENNGGRVS 438

FIGURE 2

Mouse:	1	MTRSPALLL--LGALPSAEEAARGPPRMADKVVRQVARLGRTVRLQCPVEGDPPL	56
Human:	1	MTPSPLLLPPPLLGAFFPAAARGPPKMADKVVRQVARLGRTVRLQCPVEGDPPL	60
Mouse:	57	TMWTKDGRTHSGWSRFRVLPQGLKVKEVEAADAGVYVCKATNGFGLSVNYTLIMDDI	116
Human:	61	TMWTKDGRTHSGWSRFRVLPQGLKVQVERADAGVYVCKATNGFGLSVNYTLVVLDDI	120
Mouse:	117	SPGKESPGPGSSGGQEDPASQQWARPRFTQPSKMRRRVITARPVGSSVRLKCVASGHPRP	176
Human:	121	SPGKESLGPDPSSSGGGQEDPASQQWARPRFTQPSKMRRRVITARPVGSSVRLKCVASGHPRP	180
Mouse:	177	DIMWMKDDQTLTHLEASEHRKKWTLISLKNLKPEDSGKYTCRVSNKAGAINATYKVDVIQ	236
Human:	181	DITWMKDDQALTRPEAAEPRKKKWTLISLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ	240
Mouse:	237	RTRSKPVLTGTHPVNTTVDFGGTSFQCKVRSVDPVQIOWLKRVEYYGSEGRHNSTIDVGG	296
Human:	241	RTRSKPVLTGTHPVNTTVDFGGTSFQCKVRSVDPVQIOWLKRVEYYGAERHNSTIDVGG	300
Mouse:	297	QKFVVLPTGDVWSRPGDSYLNKLISRARQDDAGMYICLGANITMGYSFRSAFLTVLPDPK	356
Human:	301	QKFVVLPTGDVWSRPGDSYLNKLITRARQDDAGMYICLGANITMGYSFRSAFLTVLPDPK	360
Mouse:	357	PPGPPMASSSSSTSPLPWPVYIGIPAGAVEFILGTVLLWLQTKKKPCAPASTLPVPGHRPP	416
Human:	361	PPGPPVASSSSATSPLPWPVYIGIPAGAVEFILGTLLWLQQAQKPKCTPAPAPPLPGHRPP	420
Mouse:	417	GTSRERSGDKDPLSLA-----VGICEEHGSAMAPOQHILASGSTAGPKLYPKLYTDVHT	469
Human:	421	GTARDRSGDKDPLSLAALSAGPGVGLCEEHGSPAAPQHLLGPGVPAAGPKLYPKLYTDIHT	480
Mouse:	470	HTHTHTCHTLSCGGQSSTPACPLSVLNTA NLQALCPEVGIWGPQQVGRIEENNGGRVS	529
Human:	481	HTHTHSHTHVEGKVHQHIIYQC 504 (SEQ ID NO:3)	(SEQ ID NO:1)

FIGURE 3